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- **NAG, Anirban**
California, 92122 (US)
- **DUNN, Stephan Franklin**
California, 92122 (US)
- **JULIAN, David Jonathan**
California, 92122 (US)
- **AHIRE, Parag**
California, 92122 (US)

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(71) Applicant: **Netradyne, Inc.**
San Diego, CA 92122 (US)

(74) Representative: **Simmons & Simmons**
City Point
One Ropemaker Street
London EC2Y 9SS (GB)

(72) Inventors:
• **VERMA, Pratik**
California, 92122 (US)

(54) **COACHABLE DRIVER RISK GROUPS**

(57) Systems and methods for selectively transmitting alerts based on monitored behavior of a driver are disclosed. A system can calculate a driver score for a driver based on a set of driving events detected from sensor data captured while a vehicle was operated by the driver. Each of the set of driving events is associated with a driving behavior in a driving scenario. The driver score is further calculated based on historic driving event data. The system can assign the driver to a category of a number of categories based on the driver score. The system can determine that a change to a habitual driving behavior in a monitored driving scenario would result in reassignment of the driver to another category. The system can transmit an alert to the vehicle based upon a subsequent detection of a driving event that is associated with the monitored driving scenario.

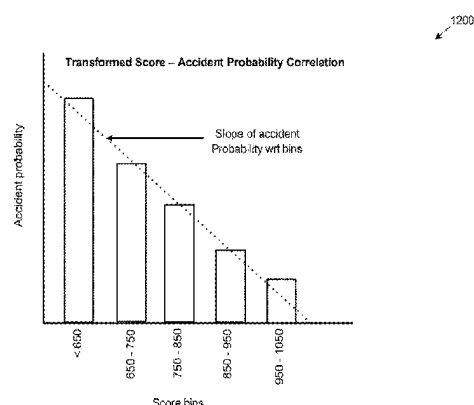


FIG. 12



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Application Number

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A	US 2017/291611 A1 (INNES TIMOTHY [US] ET AL) 12 October 2017 (2017-10-12) * paragraphs [0027], [0042], [0065], [0082], [0085], [0093] - [0095]; figures 9, 10 *	1-9	TECHNICAL FIELDS SEARCHED (IPC) B60W
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 25 September 2023	Examiner Rameau, Pascal
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

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